



TECHNOVINYL POLYMERS(I)LTD.



TECHNICAL DATA SHEET

Product Code No. KPP 9073 AP Nano Engineered

Properties	Test Method	Unit	Value
MFR @ 230 ⁰ C, 2.16 Kg.	ASTM D 1238	Gms/10 min	> 22
Specific gravity	ASTM D 792	g/cm ³	0.99
Tensile Strength @ yield	ASTM D 638	Kg/cm ²	440
Flexural Modulus	ASTM D 790	Kg/cm ²	26500
Notched Izod Impact - at 23°C	ASTM D 256	Kg cm/cm	2.5
Rockwell Hardness		R-scale	116
HDT @ 0.46 N/mm ²	ASTM D 648	Deg. C	138
Long term Heat Resistance		Deg. C	> 125
Shrinkage Value		%	< 1

Features:

- High Stiffness
- High Gloss
- Fast Moulding Cycles
- Very High Long term Heat Resistance
- Low Warpage
- UL 94 HB Class & cUL/RTI
- High Flow
- Low Impact
- High HDT
- Scratch Resistance
- High Surface Hardness
- High Crystallization Temperature

Applications – ABS replacement, Injection moulded electrical, appliance parts, toys & housewares.